TYK2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TYK2, Polyclonal Antibody
Full Product Name	Phospho-TYK2-Y1054/1055 pAb
Product Gene Name	anti-TYK2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	133kDa
OMIM	176941
3D Structure	ModBase 3D Structure for P29597
Immunogen	A phospho specific peptide corresponding to residues surrounding Y1054/1055 of human Tyk2
Antibody Type	Phosphorylated Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TYK2 antibody	Western Blot (WB)
Application Notes for anti-TYK2 antibody	WB: 1:500-1:1000
Related Product Information for anti-TYK2 antibody	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES)-a primary immunodeficiency characterized by elevated serum immunoglobulin E.
Other Notes	Small volumes of anti-TYK2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for TYK2 purchase	MBS8574525 is an antibody targeting TYK2. Also known as Phospho-TYK2-Y1054/1055 pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TYK2. It may not necessarily be applicable to this product.

NCBI GI #	187608615
NCBI GeneID	7297

NCBI Accession #	NP_003322.3
UniProt Primary Accession #	P29597
UniProt Related Accession #	P29597
GenBank Nucleotide #	NP_003322.3
NCBI Official Full Name	non-receptor tyrosine-protein kinase TYK2
NCBI Official Synonym Full Names	tyrosine kinase 2
NCBI Official Symbol	TYK2
NCBI Official Synonym Symbols	JTK1; IMD35
UniProt Protein Name	Non-receptor tyrosine-protein kinase TYK2
Protein Family	Non-receptor tyrosine-protein kinase
UniProt Gene Name	TYK2
UniProt Entry Name	TYK2_HUMAN
NCBI Protein Information	non-receptor tyrosine-protein kinase TYK2
NCBI Summary for TYK2	This gene encodes a member of the tyrosine kinase and, more specifically, the Janus kinases (JAKs) protein families. This protein associates with the cytoplasmic domain of type I and type II cytokine receptors and promulgate cytokine signals by phosphorylating receptor subunits. It is also component of both the type I and type III interferon signaling pathways. As such, it may play a role in anti-viral immunity. A mutation in this gene has been associated with hyperimmunoglobulin E syndrome (HIES) - a primary immunodeficiency characterized by elevated serum immunoglobulin E. [provided by RefSeq, Jul 2008]
Research Articles on TYK2	**1.** In the present study, we have taken tyrosine kinase (TYK 2) inhibitors and carried out molecular docking, 3 D quantitative structure-activity relationship (3D-QSAR) analysis and molecular dynamics (MD).
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tyk2/8574525